

PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
AGRILECTRIC POWER PARTNERS, LTD., PLANT NO. 1
PROPOSED PART 70 AIR OPERATING PERMIT RENEWAL/MODIFICATION

The LDEQ, Office of Environmental Services, is accepting written comments on Part 70 air operating permit renewal/modification for Agrilectric Power Partners, Ltd., P.O. Box 3716, Lake Charles, LA 70602 for the Plant No. 1. **The facility is located at 3063 Highway 397, Lake Charles, Louisiana in Calcasieu Parish.**

Agrilectric Power Partners, Ltd. Requested Part 70 Air Operating Permit renewal/modification.

Agrilectric Power Partners, Ltd., Plant No. 1 (Agrilectric) is a rice husk fueled steam-electric power plant. Flue gas from the 12 MW power is the primary source of emissions from this plant. Emissions also occur incidental to transfer and storage of rice husks and ash. These emissions are controlled by five dust collectors equipment will bag filters.

This permit renewal/modification incorporates the following changes: 1) Removal of a 2 MW power unit and its rice husk daybin and a small gas-fired jockey boiler are being removed from the operating permit; and, 2) PM₁₀ rates are being modified to reflect PM rates demonstrated during the October 2007 stack test.

Estimated Emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	10.36	20.50	+10.14
SO ₂	73.50	63.00	-10.50
NO _x	230.60	197.40	-33.20
CO	172.20	147.00	-25.20
VOC	0.85	0.63	-0.22
Hydrochloric Acid	-	0.08	+0.08

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Thursday, February 18, 2010.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The application, proposed permit and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.**

Additional copies may be reviewed at Calcasieu Parish Library - Central - Headquarters, 301 W Claude Street, Lake Charles, LA 70605-3457 and Calcasieu Parish Library - Sulphur Regional, 1160 Cypress St., Sulphur, LA 70663-5111

Inquiries or requests for additional information regarding this permit action should be directed to Ms. Shannon Pusateri, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3110.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmaillistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doe.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 7835, Permit Number 0520-00101-V1, and Activity Number PER20090001.

Scheduled for publication: Friday, January 15, 2010

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20090001
Agency Interest No. 7835

Mr. James Warshaw
CEO
Agrilectric Power Partners, Inc.
PO Box 3716
Lake Charles, LA 70602

RE: Part 70 Operating Permit
Agrilectric Power Partners Ltd
Lake Charles, Calcasieu Parish, Louisiana

Dear Mr. Warshaw:

This is to inform you that the permit renewal/modification for the above referenced facility has been approved under LAC 33:III.501. The permit is a renewal of the Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions exceed the permitted emissions. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the ____ of _____, 2015, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2010.

Permit No.: 0520-00101-V1

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:sfp
c: EPA Region VI

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Agrilectric Power Partners, Ltd.
Agency Interest No.: 7835
Plant No. 1
Lake Charles, Calcasieu Parish, Louisiana

I. Background

Agrilectric Power Partners, Ltd., Plant No. 1 (Agrilectric), an existing rice husk fueled steam-electric power plant, received initial Operating Permit No. 1803 from the Louisiana Environmental Control Commission on December 30, 1982. Agrilectric received Small Source Permit No. 0520-00101-01 on February 1, 1985 from the Louisiana Department of Environmental Quality (DEQ) which modified Permit No. 1803. The Agrilectric Power Partners Ltd currently operates under Permit No. 0520-00101-V0, issued August 25, 2004.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Agrilectric Power Partners, Ltd. on February 25, 2009 requesting a renewal/modification of the Part 70 operating permit. Additional information dated October 9, 2009, October 21, 2009 and November 9, 2009 was also received.

III. Description

Agrilectric Power Partners, Ltd., Plant No. 1 (Agrilectric) is a rice husk fueled steam-electric power plant. Per the May 4, 1993 stack testing report, the boiler combusts approximately 13.6 tons/hour of rice husks. Flue gas from the 12 MW boiler is the primary source of emissions from this plant. Emissions also occur incidental to transfer and storage of rice husks and ash. These emissions are controlled by five dust collectors equipped with bag filters.

This permit renewal/modification incorporates the following changes: 1) Removal of a 2 MW power unit and its rice husk daybin and a small gas-fired jockey boiler are being removed from the operating permit; and, 2) PM10 rates are being modified to reflect PM rates demonstrated during the October 2007 stack test.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	10.36	20.50	+10.14
SO ₂	73.50	63.00	-10.50

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Agrilectric Power Partners, Ltd.

Agency Interest No.: 7835

Plant No. 1

Lake Charles, Calcasieu Parish, Louisiana

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
NO _x	230.60	197.40	-33.20
CO	172.20	147.00	-25.20
VOC	0.85	0.63	-0.22

LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Hydrochloric Acid	-	0.08	+0.08
Total	-	0.08	+0.08

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70 and the Louisiana Air Quality and New Source Performance Standards (NSPS) Regulations. Prevention of Significant Deterioration (PSD) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility is minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Agrilectric Power Partners, Ltd.
Agency Interest No.: 7835
Plant No. 1
Lake Charles, Calcasieu Parish, Louisiana**

Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed facility were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VIII. General Condition XVII Activities

Work Activity	Schedule	PM ₁₀	Emission Rates - tons			
			SO ₂	NO _x	CO	VOC
None						

IX. Insignificant Activities

ID No.:	Description	Citation
-	1,550 Gallon – Caustic Soda Tank	LAC 33:III.501.B.5.A.10

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Agrilectric Power Partners, Ltd.
Agency Interest No.: 7835
Plant No. 1
Lake Charles Calcasieu Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID Description No.:		LAC 33:III.Chapter														
		2	5 [▲]	509	9	11	13	15	2103	2113	22	29*	51*	53*	56	59*
UNF1	Plant No. 1	1	1		1	1	1			1			2		1	3
EQT 1	1-84 12 MW Boiler No. 1 Flue Gas Baghouse Exhaust		1			1	1	1								
EQT 2	2-84 Rice Husk Conveyance System Baghouse		1													
EQT 3	3-84 Ash Silo Baghouse Exhaust		1													
EQT 4	5-84 Reserve Rice Husk Storage System Baghouse		1													
EQT 5	7-84 Reserve Rice Husk Truck Unloading Baghouse		1													
EQT 8	T-1 Hydrochloric Acid Tank															

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Agrilectric Power Partners, Ltd.
Agency Interest No.: 7835
Plant No. 1
Lake Charles Calcasieu Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS								40 CFR 61			40 CFR 63 NESHAP			40 CFR	
		A	K	Ka	Kb	Da	Db	Dc	A	J	V	A	HH	SS	HHH	64	68
UNF1	Plant No. 1															3	3
EQT 1	1-84 12 MW Boiler No. 1 Flue Gas Baghouse Exhaust					3	3	3									
EQT 2	2-84 Rice Husk Conveyance System Baghouse																
EQT 3	3-84 Ash Silo Baghouse Exhaust																
EQT 4	5-84 Reserve Rice Husk Storage System Baghouse																
EQT 5	7-84 Reserve Rice Husk Truck Unloading Baghouse																
EQT 8	T-1 Hydrochloric Acid Tank																

KEY TO MATRIX

- The regulations have applicable requirements that apply to this particular emission source.
 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Agrilectric Power Partners, Ltd.
Agency Interest No.: 7835
Plant No. 1
Lake Charles Calcasieu Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
UNF01 - Agrilectric Power Partners	40 CFR 68 - Chemical Accident Prevention Provision	DOES NOT APPLY. The facility does not have more than the threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III. Chapter 51]	EXEMPT. Facility is not a major source of TAPs emitting less than 10 tons per year of any toxic air pollutant listed in LAC 33:III.5112, Table 51.1 or 25 tons per year or more of any combination of toxic air pollutants listed in LAC 33:III.5112, Table 33:III.5112, Table
	Chemical Accident Prevention and Minimization of Consequences [LAC 33:III.5901]	DOES NOT APPLY. The facility does not process more than the threshold quantity of a regulated pollutant.
EQT01 - 12 MW Boiler No. 1 Flue Gas Baghouse Exhaust	40 CFR 60 Subpart Da—Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978	DOES NOT APPLY. Combusts less than 73 MW of fuel.
	40 CFR 60 Subpart Db—Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units	DOES NOT APPLY. Combusts less than 73 MW of fuel.
	40 CFR 60 Subpart Dc—Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	DOES NOT APPLY. Construction commenced prior to June 9, 1989.
	Compliance Assurance Monitoring [40 CFR 64]	DOES NOT APPLY. The cyclone is process equipment.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AI ID: 7835 Agriclectric Power Partners Ltd
Activity Number: PER20090001
Permit Number: 0520-00101-V1
Air - Title V Regular Permit Renewal

Also Known As:

ID	Name	User Group	Start Date
0520-00101	Agriclectric Power Partners Ltd	CDS Number	08-05-2002
72-0985459	Federal Tax ID	Federal Tax ID	11-20-1999
D-019-6700	Site ID #	Solid Waste Facility No.	05-11-1995
81660	Agriclectric Power Partners Ltd	TEMPO Merge	11-01-2001

Physical Location:

3063 Hwy 397
 Lake Charles, LA 70615

Main FAX: 3374336358
Main Phone: 3374300006

Mailing Address:

PO Box 3716
 Lake Charles, LA 706023716

Location of Front Gate: 30.200306 latitude, -93.128861 longitude, Coordinate Method: Lat\Long, - DMS, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Carl Kiser	PO Box 3716 Lake Charles, LA 706023716	3374216330 (WP)	Solid Waste Billing Party for
James Warshaw	PO Box 3716 Lake Charles, LA 706023716	JAMESW@FRMCO.	Responsible Official for
James Warshaw	PO Box 3716 Lake Charles, LA 706023716	JAMESW@FRMCO.	Emission Inventory Contact for
James Warshaw	PO Box 3716 Lake Charles, LA 706023716	3374216303 (WP)	Responsible Official for
James Warshaw	PO Box 3716 Lake Charles, LA 706023716	3374216303 (WP)	Emission Inventory Contact for

Related Organizations:

Name	Address	Phone (Type)	Relationship
Agriclectric Power Partners Ltd	PO Box 3716 Lake Charles, LA 706023716	3374300006 (WP)	Operates
Agriclectric Power Partners Ltd	PO Box 3716 Lake Charles, LA 706023716	3374300006 (WP)	Emission Inventory Billing Party
Agriclectric Power Partners Ltd	PO Box 3716 Lake Charles, LA 706023716	3374300006 (WP)	Air Billing Party for
Agriclectric Power Partners Ltd	PO Box 3716 Lake Charles, LA 706023716	3374300006 (WP)	Owens

NAIC Codes:

22111, Electric Power Generation

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 7835 - Agrielectric Power Partners Ltd
Activity Number: PER20090001
Permit Number: 0520-00101-V1
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Agrielectric Power Partners, Ltd.						
EQT 0001	1-84 - 12 MW Boiler No. 1 Flue Gas Baghouse Exhaust		183 MM BTU/hr	165 MM BTU/hr		8400 hr/yr
EQT 0002	2-84 - Rice Husk Conveyance System Baghouse		112000 tons/yr	112000 tons/yr		8148 hr/yr
EQT 0003	3-84 - Ash Silo Baghouse Exhaust		30000 tons/yr	30000 tons/yr		8148 hr/yr
EQT 0004	5-84 - Reserve Rice Husk Storage System Baghouse		40000 tons/yr	40000 tons/yr		8148 hr/yr
EQT 0005	7-84 - Reserve Rice Husk Truck Unloading Baghouse		40000 tons/yr	40000 tons/yr		1940 hr/yr
EQT 0008	T-1 - Hydrochloric Acid Storage Tank	1550 gallons		750 gallons/yr		8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Agrielectric Power Partners, Ltd.							
EQT 0001	1-84 - 12 MW Boiler No. 1 Flue Gas Baghouse Exhaust	46.3	54500	5		87	243
EQT 0002	2-84 - Rice Husk Conveyance System Baghouse	28	1300	1		40	80
EQT 0003	3-84 - Ash Silo Baghouse Exhaust	27	1300	1		68	110
EQT 0004	5-84 - Reserve Rice Husk Storage System Baghouse	53	2000	.9		4	80
EQT 0005	7-84 - Reserve Rice Husk Truck Unloading Baghouse	100	9000	1.4		4	80

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
UNF 0001	Unit or Facility Wide	- Agrielectric Power Partners, Ltd.

Group Membership:

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1410	1410 B) Electric Power Gen. (0.7 percent S or Less in Fuel) (Rated Capacity)	12	MW

SIC Codes:

4911	Electric services	AI 7835
4911	Electric services	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 7835 - Agrielectric Power Partners Ltd
 Activity Number: PER20090001
 Permit Number: 0520-00101-V1
 Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Agrielectric Power Partners, Ltd.															
EQT 0001 1-84	35.00	35.00	147.00	47.00	47.00	197.40	3.97	4.12	16.67	15.00	18.00	63.00	0.15	0.31	0.63
EQT 0002 2-84							0.25	0.25	1.00						
EQT 0003 3-84							0.25	0.25	1.00						
EQT 0004 5-84							0.25	0.25	1.00						
EQT 0005 7-84							0.85	0.85	0.83						

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 7835 - Agrilectric Power Partners Ltd

Activity Number: PER20090001

Permit Number: 0520-00101-V1

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0008 T-1	Hydrochloric acid	0.02		0.08
UNF 0001	Hydrochloric acid			0.08

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

AIID: 7835 - Agrielectric Power Partners Ltd

Activity Number: PER20090001

Permit Number: 0520-00101-V1

Air - Title V Regular Permit Renewal

1 [LAC 33:III.101.B]

Opacity ≤ 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

2. [LAC 33:III.1313.C] Total suspended particulate ≤ 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

3 [LAC 33:III.1513.C]

4 [LAC 33:III.501.C.6]

5 ILAC 33:III.501.C.6]

6 LAC 33:III.507.H.1.

7 II AC 33:III.507.H.1

1000

8. 11 AC 33.111 507 H 1

0 [EAC 23.11.2017.11.1

PLAC 33.111 507 H 1

9 [LAC 33:11.307.H.1.

01-23-2007 11:50 AM

LAC 33:11.20/H.1.1.

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

Filter vents: Opacity <= 20 percent average of the shade or appearance of the emission during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags.

Which Months: All Year Statistical Basis: None specified

Particulate matter (10 microns or less) >= 99.0 % removal efficiency from filter manufacturer's certification.

Which Months: All Year Statistical Basis: None specified

Filter vents: Opacity monitored by technically sound method upon occurrence of event. Monitor during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags by either a Continuous Monitoring System (COMS) that meets the requirements of 40 CFR 60 Appendix B Performance Specification 1, a qualified, certified visible emissions inspector, in accordance with 40 CFR 60 Appendix A Method 9, or 40 CFR 60 Appendix A Method 22, if the emission point generally exhibits no visible emissions. If Method 22 is used, perform an opacity reading according to 40 CFR 60 Appendix A Method 9 within 1 hour, if visible emissions are present at greater than fifteen percent opacity. Ensure that the BMP plan specifies when opacity readings will be taken in lieu of no visible emissions and the frequency at which readings of percent opacity will be taken.

Which Months: All Year Statistical Basis: None specified

Filter vents: Equipment/operational data recordkeeping by electronic or hard copy daily. Keep the purchase order or manufacturer certification showing that the installed filters meet the Manufacturer's specification for particulate matter removal efficiency or the filter MERV rating, as applicable; records of visible emissions checks or differential pressure gauge readings, as applicable; and records of maintenance activities. Keep records on site for a period of at least five years and available for review by the Office of Environmental Compliance.

Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shutdown or whenever a visible emissions check indicates maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment.

The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

SPECIFIC REQUIREMENTS

AI ID: 7835 - Agrilectric Power Partners Ltd

Activity Number: PER20090001

Permit Number: 0520-00101-V1

Air - Title V Regular Permit Renewal

EQT 0001 1-84 - 12 MW Boiler No. 1 Flue Gas Baghouse Exhaust

11 [LAC 33:III.507.H.1.a] Conduct a performance/emissions test. Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; and, Method 6C - Determination of Sulfur Dioxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

12 [LAC 33:III.507.H.1.a] Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of inspections and maintenance activities on site for a period of at least five years and available for inspection by the Office of Environmental Compliance.

13 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, return the filter to compliance as expeditiously as practicable, but at a maximum within three working days, in accordance with good air pollution control practices for minimizing emissions.

Which Months: All Year Statistical Basis: None specified

EQT 0002 2-84 - Rice Husk Conveyance System Baghouse

14 [LAC 33:III.1311.C] Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

15 [LAC 33:III.501.C.6] Filter vents: Opacity \leq 20 percent average of the shade or appearance of the emission during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags.

Which Months: All Year Statistical Basis: None specified

Particulate matter (10 microns or less) \leq 0.015 gr/scf.

Which Months: All Year Statistical Basis: None specified

Particulate matter (10 microns or less) \geq 99.0 % removal efficiency from filter manufacturer's certification.

Which Months: All Year Statistical Basis: None specified

Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shutdown or whenever a visible emissions check indicates maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

19 [LAC 33:III.507.H.1.a] Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, return the filter to compliance as expeditiously as practicable, but at a maximum within three working days, in accordance with good air pollution control practices for minimizing emissions.

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 7835 - Agrilectric Power Partners Ltd

Activity Number: PER20090001

Permit Number: 0520-00101-V1

Air - Title V Regular Permit Renewal

EQT 0002 2-84 - Rice Husk Conveyance System Baghouse

20 [LAC 33:III.507.H.1.a]

Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of inspections and maintenance activities on site for a period of at least five years and available for inspection by the Office of Environmental Compliance.

21 [LAC 33:III.507.H.1.a]

Filter vents: Opacity monitored by technically sound method upon occurrence of event. Monitor during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags by either a Continuous Monitoring System (COMS) that meets the requirements of 40 CFR 60 Appendix B Performance Specification 1, a qualified, certified visible emissions inspector, in accordance with 40 CFR 60 Appendix A Method 9, or 40 CFR 60 Appendix A Method 22, if the emission point generally exhibits no visible emissions. If Method 22 is used, perform an opacity reading according to 40 CFR 60 Appendix A Method 9 within 1 hour, if visible emissions are present at greater than fifteen percent opacity. Ensure that the BMP plan specifies when opacity readings will be taken in lieu of no visible emissions and the frequency at which readings of percent opacity will be taken.

Which Months: All Year Statistical Basis: None specified

Filter vents: Equipment/operational data recordkeeping by electronic or hard copy daily. Keep the purchase order or manufacturer certification showing that the installed filters meet the Manufacturer's specification for particulate matter removal efficiency or the filter MERV rating, as applicable; records of visible emissions checks or differential pressure gauge readings, as applicable; and records of maintenance activities. Keep records on site for a period of at least five years and available for review by the Office of Environmental Compliance.

22 [LAC 33:III.507.H.1.a]

EQT 0003 3-84 - Ash Silo Baghouse Exhaust

23 [LAC 33:III.1311.C]

Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

24 [LAC 33:III.501.C.6]

Particulate matter (10 microns or less) \geq 99.0 % removal efficiency from filter manufacturer's certification.

25 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

Particulate matter (10 microns or less) \leq 0.015 gr/scf.

26 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified
Filter vents: Opacity \leq 20 percent average of the shade or appearance of the emission during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags.

Which Months: All Year Statistical Basis: None specified

27 [LAC 33:III.507.H.1.a]

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, return the filter to compliance as expeditiously as practicable, but at a maximum within three working days, in accordance with good air pollution control practices for minimizing emissions.

Which Months: All Year Statistical Basis: None specified

28 [LAC 33:III.507.H.1.a]

Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of inspections and maintenance activities on site for a period of at least five years and available for inspection by the Office of Environmental Compliance.

SPECIFIC REQUIREMENTS

AI ID: 7835 - Agrielectric Power Partners Ltd

Activity Number: PER20090001

Permit Number: 0520-00101-V1

Air - Title V Regular Permit Renewal

EQT 0003 3-84 - Ash Silo Baghouse Exhaust

29 [LAC 33:III.507.H.1.a]

Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shutdown or whenever a visible emissions check indicates maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

30 [LAC 33:III.507.H.1.a]

Filter vents: Equipment/operational data recordkeeping by electronic or hard copy daily. Keep the purchase order or manufacturer certification showing that the installed filters meet the Manufacturer's specification for particulate matter removal efficiency or the filter MERV rating, as applicable; records of visible emissions checks or differential pressure gauge readings, as applicable; and records of maintenance activities.

Keep records on site for a period of at least five years and available for review by the Office of Environmental Compliance.

31 [LAC 33:III.507.H.1.a]

Filter vents: Opacity monitored by technically sound method upon occurrence of event. Monitor during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags by either a Continuous Monitoring System (COMS) that meets the requirements of 40 CFR 60 Appendix B Performance Specification 1, a qualified, certified visible emissions inspector, in accordance with 40 CFR 60 Appendix A Method 9, or 40 CFR 60 Appendix A Method 22, if the emission point generally exhibits no visible emissions. If Method 22 is used, perform an opacity reading according to 40 CFR 60 Appendix A Method 9 within 1 hour, if visible emissions are present at greater than fifteen percent opacity. Ensure that the BMP plan specifies when opacity readings will be taken in lieu of no visible emissions and the frequency at which readings of percent opacity will be taken.

Which Months: All Year Statistical Basis: None specified

EQT 0004 5-84 - Reserve Rice Husk Storage System Baghouse

32 [LAC 33:III.1311.C]

Opacity \leq 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

33 [LAC 33:III.501.C.6]

Particulate matter (10 microns or less) \geq 99.0 % removal efficiency from filter manufacturer's certification.

34 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

Filter vents: Opacity \leq 20 percent average of the shade or appearance of the emission during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags.

Which Months: All Year Statistical Basis: None specified

35 [LAC 33:III.501.C.6]

Particulate matter (10 microns or less) \leq 0.011 gr/dscf.

Which Months: All Year Statistical Basis: None specified

36 [LAC 33:III.507.H.1.a]

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, return the filter to compliance as expeditiously as practicable, but at a maximum within three working days, in accordance with good air pollution control practices for minimizing emissions.

Which Months: All Year Statistical Basis: None specified

37 [LAC 33:III.507.H.1.a]

Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of inspections and maintenance activities on site for a period of at least five years and available for inspection by the Office of Environmental Compliance.

SPECIFIC REQUIREMENTS

AI ID: 7835 - Agrielectric Power Partners Ltd

Activity Number: PER20090001

Permit Number: 0520-00101-V1

Air - Title V Regular Permit Renewal

EQT 0004 5-84 - Reserve Rice Husk Storage System Baghouse

38 [LAC 33:III.507.H.1.a]

Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shutdown or whenever a visible emissions check indicates maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

39 [LAC 33:III.507.H.1.a]

Filter vents: Opacity monitored by technically sound method upon occurrence of event. Monitor during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags by either a Continuous Monitoring System (COMS) that meets the requirements of 40 CFR 60 Appendix B Performance Specification 1, a qualified, certified visible emissions inspector, in accordance with 40 CFR 60 Appendix A Method 9, or 40 CFR 60 Appendix A Method 22, if the emission point generally exhibits no visible emissions. If Method 22 is used, perform an opacity reading according to 40 CFR 60 Appendix A Method 9 within 1 hour, if visible emissions are present at greater than fifteen percent opacity. Ensure that the BMP plan specifies when opacity readings will be taken in lieu of no visible emissions and the frequency at which readings of percent opacity will be taken.

Which Months: All Year Statistical Basis: None specified

40 [LAC 33:III.507.H.1.a]

Filter vents: Equipment/operational data recordkeeping by electronic or hard copy daily. Keep the purchase order or manufacturer certification showing that the installed filters meet the Manufacturer's specification for particulate matter removal efficiency or the filter MERV rating, as applicable; records of visible emissions checks or differential pressure gauge readings, as applicable; and records of maintenance activities. Keep records on site for a period of at least five years and available for review by the Office of Environmental Compliance.

EQT 0005 7-84 - Reserve Rice Husk Truck Unloading Baghouse

41 [LAC 33:III.1311.C]

Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

42 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Six-minute average
Particulate matter (10 microns or less) \leq 0.011 gr/scf

43 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified
Filter vents: Opacity \leq 20 percent average of the shade or appearance of the emission during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags.

44 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified
Particulate matter (10 microns or less) \geq 99.0 % removal efficiency from filter manufacturer's certification.

45 [LAC 33:III.507.H.1.a]

Which Months: All Year Statistical Basis: None specified
Filter vents: Equipment/operational data recordkeeping by electronic or hard copy daily. Keep the purchase order or manufacturer certification showing that the installed filters meet the Manufacturer's specification for particulate matter removal efficiency or the filter MERV rating, as applicable; records of visible emissions checks or differential pressure gauge readings, as applicable; and records of maintenance activities. Keep records on site for a period of at least five years and available for review by the Office of Environmental Compliance.

46 [LAC 33:III.507.H.1.a]

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, return the filter to compliance as expeditiously as practicable, but at a maximum within three working days, in accordance with good air pollution control practices for minimizing emissions.

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 7835 - Agrilectric Power Partners Ltd

Activity Number: PER20090001

Permit Number: 0520-00101-V1

Air - Title V Regular Permit Renewal

EQT 0005 7-84 - Reserve Rice Husk Truck Unloading Baghouse

47 [LAC 33:III.507.H.1.a]

Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shutdown or whenever a visible emissions check indicates maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

48 [LAC 33:III.507.H.1.a]

Filter vents: Opacity monitored by technically sound method upon occurrence of event. Monitor during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags by either a Continuous Monitoring System (COMS) that meets the requirements of 40 CFR 60 Appendix B Performance Specification 1, a qualified, certified visible emissions inspector, in accordance with 40 CFR 60 Appendix A Method 9, or 40 CFR 60 Appendix A Method 22, if the emission point generally exhibits no visible emissions. If Method 22 is used, perform an opacity reading according to 40 CFR 60 Appendix A Method 9 within 1 hour, if visible emissions are present at greater than fifteen percent opacity. Ensure that the BMP plan specifies when opacity readings will be taken in lieu of no visible emissions and the frequency at which readings of percent opacity will be taken.

Which Months: All Year Statistical Basis: None specified

49 [LAC 33:III.507.H.1.a]

Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of inspections and maintenance activities on site for a period of at least five years and available for inspection by the Office of Environmental Compliance.

UNF 0001 - Agrilectric Power Partners, Ltd.

50 [LAC 33:III.1103]

Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.

51 [LAC 33:III.1303.B]

Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

52 [LAC 33:III.2113.A]

Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.

53 [LAC 33:III.219]

Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

54 [LAC 33:III.535]

Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]

55 [LAC 33:III.5609.A.1.b]

Activate the preplanned abatement strategy listed in LAC 33:III.5611 Table 5 when the administrative authority declares an Air Pollution Alert.

56 [LAC 33:III.5609.A.2.b]

Activate the preplanned strategy listed in LAC 33:III.5611 Table 6 when the administrative authority declares an Air Pollution Warning.

57 [LAC 33:III.5609.A.3.b]

Activate the preplanned abatement strategy listed in LAC 33:III.5611 Table 7 when the administrative authority declares an Air Pollution Emergency.

58 [LAC 33:III.5609.A]

Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611 Tables 5, 6, and 7.

SPECIFIC REQUIREMENTS

AI ID: 7835 - Agrielectric Power Partners Ltd

Activity Number: PER20090001

Permit Number: 0520-00101-V1

Air - Title V Regular Permit Renewal

UNF 0001 - Agrielectric Power Partners, Ltd.

59 [LAC 33:III.919.D]

Submit Emission Inventory (EI)/Annual Emissions Statement. Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

